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CLAIMS

What is claimed is:

5   1.   A method of executing a monolithic application program on a grid computing system comprising the steps of:

executing the program on a computer on which the program has previously successfully executed;

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monitoring the execution of the program to collect runtime information of the program;

providing a computer system on the grid computing
15   system on which the program is to be executed with the runtime information of the program; and

executing the program on the computer system on the grid computing system.

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2.   The method of Claim 1 wherein the runtime information includes file systems that are accessed by the program.

3.   The method of Claim 1 wherein the runtime information
25   further includes files that the program links or loads in memory.

4.   The method of Claim 1 wherein the runtime information is provided while the program is being executed on the
30   grid computing system.

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5.   The method of Claim 1 wherein the runtime information is provided before the program is being executed on the grid computing system.

5   6.   A computer program product on a computer readable medium for executing a monolithic program on a grid computing system comprising:

code means for executing the program on a computer on
10   which the program has previously successfully executed;

code means for monitoring the execution of the program to collect runtime information of the program;

15   code means for providing a computer system on the grid computing system on which the program is to be executed with the runtime information of the program; and

code means for executing the program on the computer
20   system on the grid computing system.

7.   The computer program product of Claim 6 wherein the runtime information includes file systems that are accessed by the program.

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8.   The computer program product of Claim 6 wherein the runtime information further includes files that the program links or loads in memory.

30   9.   The computer program product of Claim 6 wherein the runtime information is provided while the program is being executed on the grid computing system.

10. The computer program product of Claim 6 wherein the runtime information is provided before the program is being executed on the grid computing system.

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11. An apparatus for executing a monolithic program on a grid computing system comprising:

means for executing the program on a computer on which the program has previously successfully executed;

means for monitoring the execution of the program to collect runtime information of the program;

means for providing a computer system on the grid computing system on which the program is to be executed with the runtime information of the program; and

means for executing the program on the computer system on the grid computing system.

12. The apparatus of Claim 11 wherein the runtime information includes file systems that are accessed by the program.

13. The apparatus of Claim 11 wherein the runtime information further includes files that the program links or loads in memory.

14. The apparatus of Claim 11 wherein the runtime information is provided while the program is being executed on the grid computing system.

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15. The apparatus of Claim 11 wherein the runtime information is provided before the program is being executed on the grid computing system.

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16. A system on a grid computer system comprising:

at least one storage device for storing code data; and

10 at least one processor for processing the code data to execute the program, the code data including runtime information for enabling the program to successfully execute on the grid computing system, the runtime information having been collected while the program is 15 executed on a computer on which the program has previously successfully been executed.

17. The system of Claim 16 wherein the runtime information includes file systems that are accessed by the program.

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18. The system of Claim 16 wherein the runtime information further includes files that the program links or loads in memory.

25 19. The system of Claim 16 wherein the runtime information is provided while the program is being executed on the grid computing system.

20. The system of Claim 16 wherein the runtime information 30 is provided before the program is being executed on the grid computing system.